APEX DIGITAL

beyond expectation

LD3288T

USER'S MANUAL

32" LCD TELEVISION

012411

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

Safety:

TO REDUCE THE RISK OF ELECTRICAL SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS ARE INSIDE. REFER TO QUALIFIED PERSONNEL ONLY.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the television.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

NOTE TO CABLE/TV INSTALLER:

This reminder is provided to call the CATV system installer’s attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

FCC REGULATORY INFORMATION:

This television has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This television generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this television does cause interference to other electronic equipment, which can be determined by turning the television off and on, then the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and television.
- Connect the equipment into an outlet on a circuit different from that to which the television is connected.
- Consult your dealer or an experienced radio/TV technician for assistance.

Any changes or modifications not expressly approved by the party responsible for compliance may void the user’s authority to operate the equipment.

Important safeguards for you and your new TV

Observing the simple precautions discussed in this booklet will provide you with many years of enjoyment and safe operation. This product complies with all applicable U.S. Federal safety requirements, and those of the Canadian Standards Association.

1. Read & Follow Instructions

All safety and operating instructions should be read and followed before the TV is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the TV and in the operating instructions should be adhered to.

4. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft and slightly damp cloth for cleaning.

5. Water and Moisture

Do not use this TV near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

6. Accessories Carts and Stands

Do not place this TV on a slippery or tilted surface, or on an unstable cart, stand, or table. The TV may slide or fall, causing serious injury to a child or adult, and serious damage to the TV.

7. Transporting the Television

A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.

8. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the TV and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface. The TV should not be placed in a built-in installation such as a book-case or rack unless proper ventilation is provided.

9. Power Sources

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your electronics retailer or local power company.

10. Power-Cord Polarization

This TV is equipped with a three-wire grounding type plug, a plug with a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, the contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

11. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the TV.

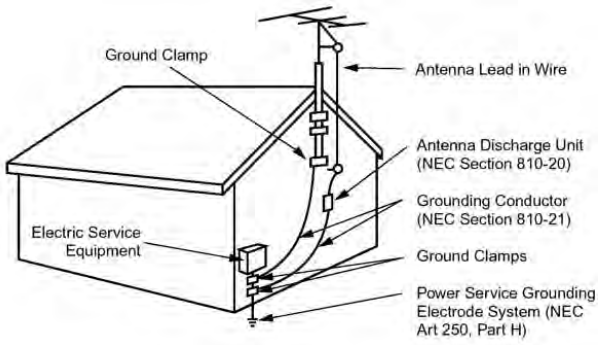
12. Lightning

For added protection for the TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV from light-ning and power-line surges.

13. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code (U.S.A.), ANSI/ NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Example of Grounding According to National Electrical Code Instructions


Ground Clamp
Antenna Lead in Wire
Antenna Discharge Unit (NEC Section 810-20)
Grounding Conductor (NEC Section 810-21)
Electric Service Equipment
Ground Clamps
Power Service Grounding Electrode System (NEC Art 250, Part H)

NEC - National Electrical Code

14. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall on to power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

15. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on or inside the TV.

17. Servicing

Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

18. Damage Requiring Service

Unplug from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- **a.** If the power-supply cord or plug is damaged.
- **b.** If liquid has been spilled, or objects have fallen into the product.
- **c.** If the TV has been exposed to rain or water.
- **d.** If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- **e.** If the TV has been dropped or the cabinet has been damaged.
- **f.** If the TV exhibits a distinct change in performance.

19. Replacement Parts

When replacement parts are required, be sure that only an authorized service technician has used replacement parts specified by Apex Digital or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards and void any warranty.

20. Safety Check

Upon completion of any service or repairs to this TV, ask the service technician to perform safety checks to determine whether the product is in proper operating condition.

21. Wall Mounting

The TV should be mounted to a wall only by a professional. The TV may slide or fall, causing serious injury to a child or adult, and serious damage to the product. Warranty shall be voided.

22. Heat

The TV should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including) amplifiers) that produce heat.

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What's In The Box

Thank you for purchasing the Apex LD3288T HD Television. It has been designed to enjoy today's high definition television experience. With a display resolution of 1,366 x 768 (720p) you are assured of one of the finest quality televisions available today. View HDTV and digital broadcasts over-the-air when connected to an antenna. Choose an outdoor antenna for the best possible reception. Visit www.antennaweb.org.

Your television offers many digital and analog inputs. Three (3) High Definition Multimedia Interface (HDMI) interconnects offer the purest audio and video digital signal when connected to compatible HD sources (ie: HD set-top box, high definition blu-ray player, gaming console). Other video inputs include two (2) HD component, (2) composite, one (1) S-Video and one (1) VGA terminal for connection to a computer. A coaxial digital audio (SPDIF) jack is included to connect through your home amplifier/receiver to provide a spectacular home theater sound experience.

Your new television is an ENERGY STAR certified device which meets energy saving standards to reduce power consumption and the associated cost of use. From the factory, the default picture setting is currently set in the Power Saving mode.

We recommend that you read the user manual thoroughly before use to familiarize yourself with the installation and adjustment options available to you, thereby enjoying all the features of the LD3288T for many years to come.

For peace of mind and valuable services, please take a moment to register your product at **www.tmaxdigital.com**.

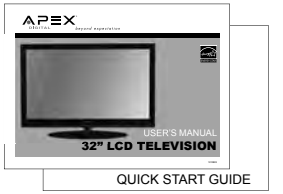
- **Pedestal Base**

The **LD3288T** package includes the following items:

- **Pedestal Base / Hardware**
- **Pedestal Instructions**
- **Remote Control**
- **AAA Batteries**
- **AC Power Cord**
- **Quick Start Guide**
- **User Manual**

- **Remote Control**
- **AAA Batteries x 2**

- **AC Power Cord**



- **User manual**
- **Quick Start Guide**

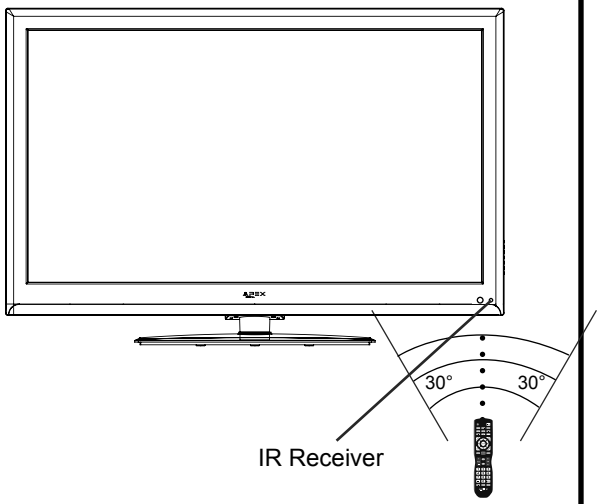
Your remote control handset is powered by two (2) AAA type batteries

• To insert batteries, turn the remote control over and remove the battery cover.

• Place two (2) AAA batteries into the compartment with correct polarity.

• Replace the cover.

- When pointed towards the television, range is up to 16 feet from the front of the IR receiver, 30° to the left and right, 20° up and down.
- To avoid damage from possible battery chemical leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time. Do not mix batteries of different age and/or type. Always discard used batteries safely.
- Do not expose remote control to liquids, direct sunlight or sources of excessive heat.
- The IR receiver will not work properly if TV is in direct sunlight, the remote control is pointed off-axis or an object is in the IR path.

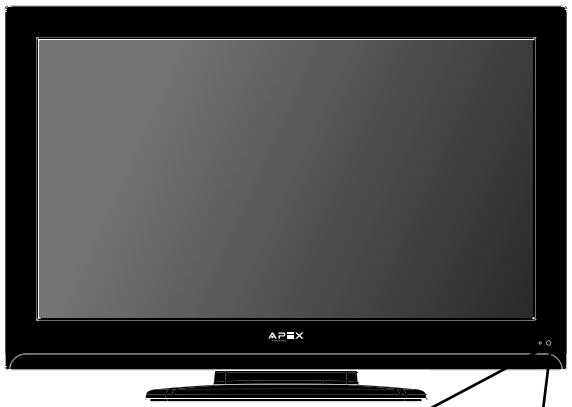


NOTE: Improper use of batteries can result in a chemical leakage or explosion.

Functions Using the Remote Control Handset

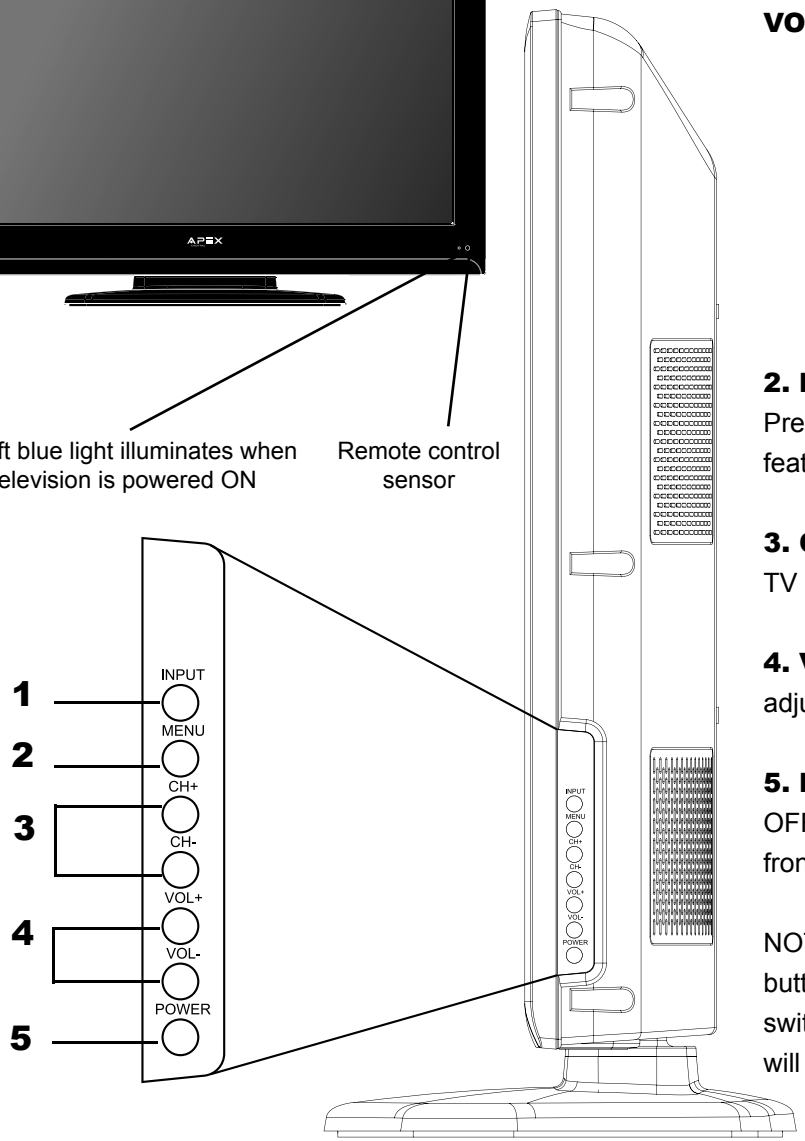
1. **Power** – Turn the LCD display ON or OFF (Standby).
2. **Display** – Provides program information currently viewed.
3. **TV** – Direct access to the television tuner.
4. **HDMI** – Press repeatedly to select HDMI 1, HDMI 2, HDMI 3.
5. **COMP** – Press repeatedly to select Component 1, Component 2.
6. **AV** – Press repeatly to select AV 1, AV 2, S-Video.
7. **VGA** – Direct access to the VGA (PC) input; press again to return to the previously viewed input.
8. **CH LIST** – Press to display a list of channels saved in the TV tuner memory.
9. **Guide** – Press to review scheduled programming for the current channel viewed.
10. **FAV** – Press to display a list of favorite TV channels you have added. (pg. 26)
11. **Freeze** – Pause and still-frame the current image on the display. Press again for live TV.
12. **Picture** – Select preset picture modes: Dynamic > Standard > Movie > Power Saving > Personal. (pg. 18)
13. **Temp** – Select the Color Temperature COOL > NORMAL > WARM. (pg. 18)
14. **▼▲◄ ►Arrows/ Enter** – Navigate menus to make selections. Press ENTER to confirm.
15. **Exit** – Press to exit a menu that is displayed.
16. **Return** – Press to return to the previous menu displayed.
17. **Sleep** – Press to activate the Sleep function to turn off the TV automatically; 5 Min > 10 Min > 15 Min > 30 Min > 45 Min > 60 Min > 90 Min > 120 Min > 180 Min > 240 Min > OFF.
18. **Menu** – Press to display the Main menu.
19. **Zoom** – Select viewable display options: Normal > Wide > Zoom > Cinema. (pg. 27)
20. **Volume (+/-)** – Adjust volume up (+) or volume down (-).
21. **Last** – Press to select between the current and previously viewed TV channel.
22. **Mute** – Press to temporarily turn sound off. Press again to resume.
23. **Channel** – ▲ / ▼ scan channels up (▲) or channels down (▼).
24. **Numbers / Dash** – Select desired TV channel directly. For example: to select digital channel four, press “4” “-” “1” (4-1).
25. **Input** – Press to display all input sources on screen. (pgs. 9-14)
26. **Audio** – Select preset sound modes: PERSONAL > STANDARD > MUSIC > MOVIE (pg. 19)
27. **MTS** – Press to select a program’s second audio channel (if available). (pg. 19)
28. **CCD** – Select closed caption subtitles (if available) OFF > ON. (pg. 22)

NOTE: When using the remote control, point it directly at the TV.



A soft blue light illuminates when television is powered ON

Remote control sensor



Side Panel

1. Input - After connecting your DVD, cable box, etc., select the appropriate input source to view. Press the INPUT button to display input options. Press **CH+** / **CH-** buttons to highlight an input. Press **VOL+** to select.

2. Menu - Press the MENU button to display the menu screen. Press **VOL+** to highlight a menu. Press **CH+** / **CH-** to highlight a feature within the menu then press **VOL+** to adjust setting.

3. Channel (CH+ / CH-) - Press the **CH+** / **CH-** buttons to scan TV channels up or down.

4. Volume (VOL+ / VOL-) - Press the **VOL+** / **VOL-** buttons to adjust volume up or down.

5. Power - Press the POWER button to turn the LCD display ON/ OFF (standby). When the power is on, a blue LED illuminates on the front panel. The screen image will appear within a few seconds.

NOTE: To turn OFF power completely, switch the Master Power button located on the rear of the television. When the Master Power switch is off, neither the remote control or television POWER button will function (see pg. 9 for details).

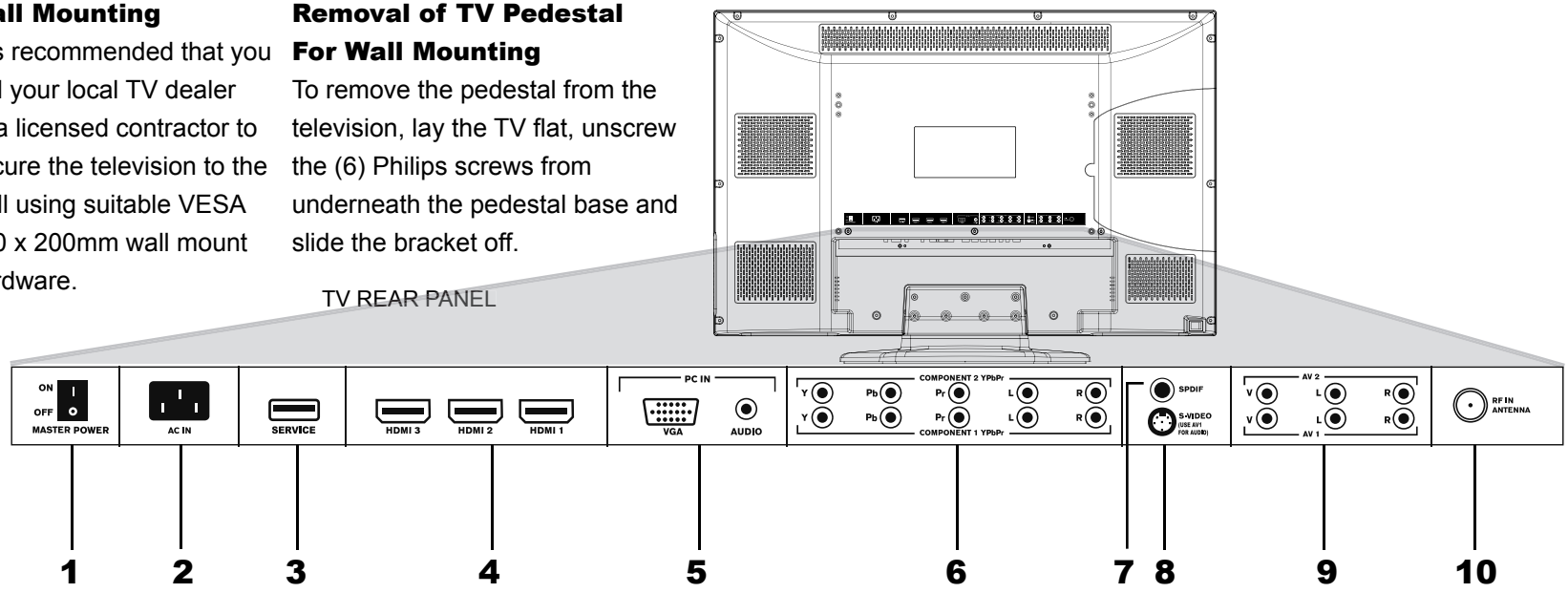
Wall Mounting

It is recommended that you call your local TV dealer or a licensed contractor to secure the television to the wall using suitable VESA 400 x 200mm wall mount hardware.

Removal of TV Pedestal For Wall Mounting

To remove the pedestal from the television, lay the TV flat, unscrew the (6) Philips screws from underneath the pedestal base and slide the bracket off.

TV REAR PANEL



1. Master Power ON/OFF Switch - When the master power is switched OFF, the power button located on the remote control and right side of the television will not function. Make sure it is switched ON for regular TV viewing on a daily basis.

2. AC Power Plug - Insert power cord during initial setup.

3. USB Port - For service technician use only.

4. HDMI Inputs (3) - Connects to digital AV devices that feature HDMI connectivity. HDMI supports enhanced high definition video and two-channel digital audio all from one cable. Recommended for best performance.

5. PC IN - VGA/Audio Input (3.5mm) - Connect an optional VGA cable from your personal computer and a 3.5mm audio cable for sound.

6. Component Inputs and L/R Audio Inputs (2) - Connect up to two external devices that feature component (YPbPr) video and audio output jacks.

7. SPDIF - Connect an optional coaxial digital cable through a compatible amp/receiver to enjoy superior audio sound.

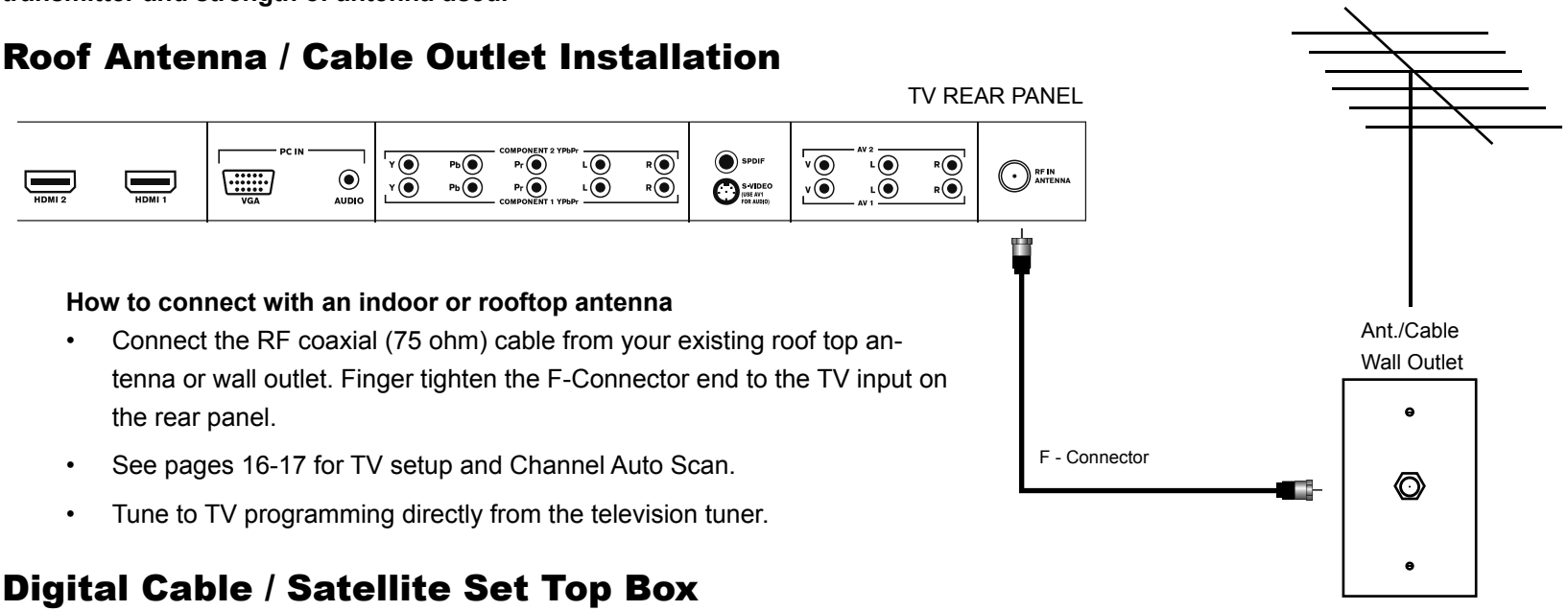
8. S-Video - Connect to the S-Video output jack found on external devices. For audio, connect a separate AUDIO L/R cable to the L/R on AV1 adjacent to the S-Video input.

9. AV Inputs (2) - Connect up to two external devices to the composite VIDEO (Y) and AUDIO (L/R) output jacks found on most external video equipment.

10. RF Input - Connect antenna or cable for television reception.

It is strongly recommended that the installation of a high quality roof top antenna, digital cable or satellite set top box be used in conjunction with your television for best broadcast reception. For indoor use, we recommend an Apex Digital amplified HDTV antenna. Note: reception is determined by your regional location, geographical terrain, distance from the local broadcast transmitter and strength of antenna used.

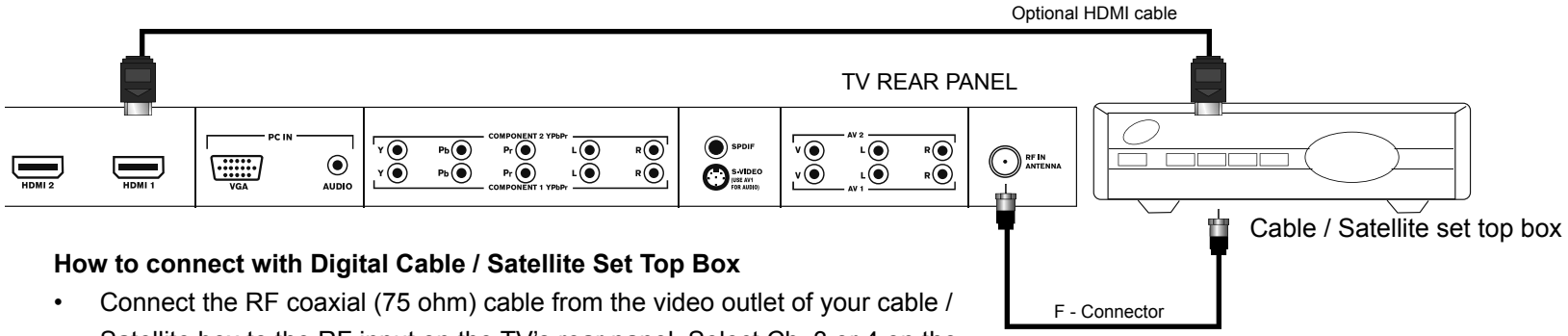
Roof Antenna / Cable Outlet Installation



How to connect with an indoor or rooftop antenna

- Connect the RF coaxial (75 ohm) cable from your existing roof top antenna or wall outlet. Finger tighten the F-Connector end to the TV input on the rear panel.
- See pages 16-17 for TV setup and Channel Auto Scan.
- Tune to TV programming directly from the television tuner.

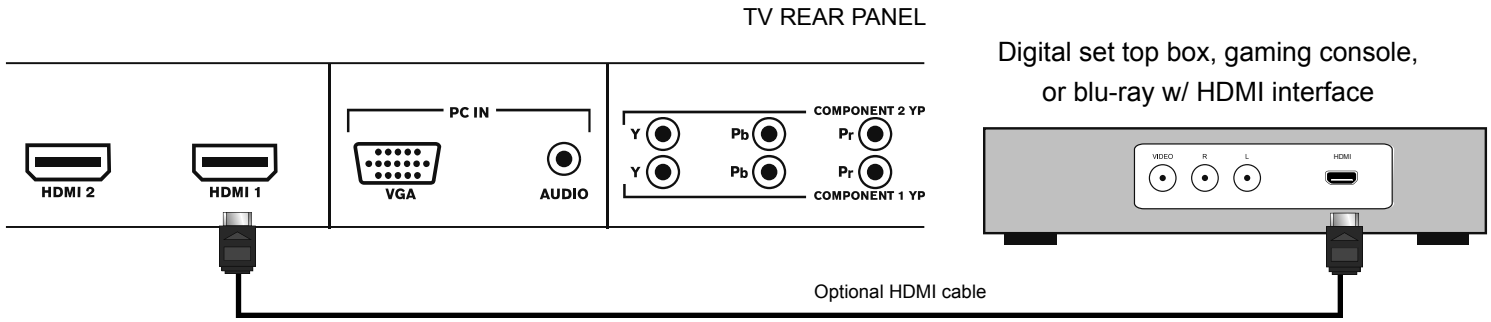
Digital Cable / Satellite Set Top Box



How to connect with Digital Cable / Satellite Set Top Box

- Connect the RF coaxial (75 ohm) cable from the video outlet of your cable / Satellite box to the RF input on the TV's rear panel. Select Ch. 3 or 4 on the TV and select a channel.
- For greater performance, use component video or an HDMI installation. (shown) Refer to your set top box user manual.
- See pages 16-17 for TV setup and Channel Auto Scan.

Connecting to an HD Set-Top Box, Game Console or Blu-ray Player Using HDMI



For BEST video performance

Connect to external devices that feature HDMI, an uncompressed, all digital video / audio interface found on today's high definition devices. Use of this pure digital technology offers optimal high definition video and digital audio all via a single cable.

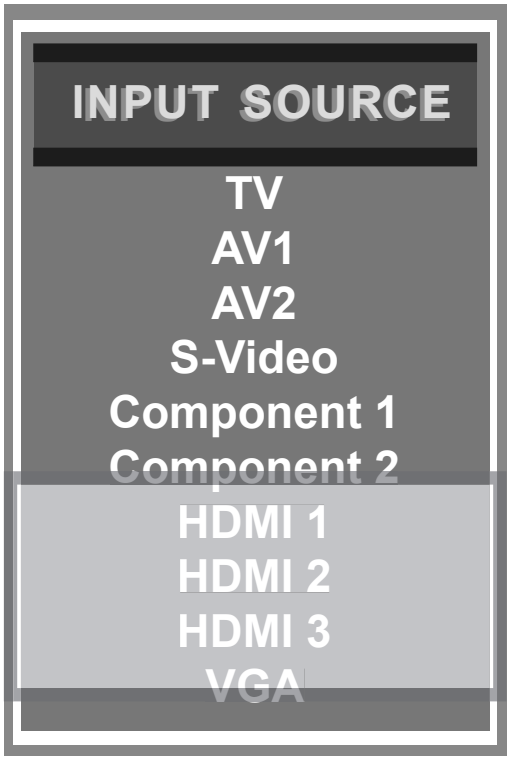
There are three (3) HDMI inputs available for use with HD set top boxes, gaming consoles and blu-ray players.

How to Connect HDMI

- From your external device, connect an HDMI cable from the HDMI OUT-PUT to the HDMI INPUT on the TV's rear panel.

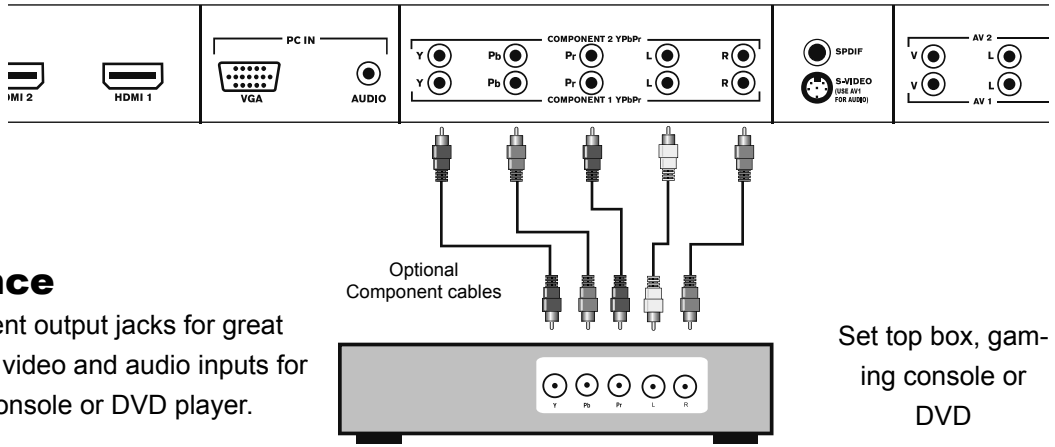
How To Use

- Press the HDMI button on the remote control (repeatedly if necessary) or
- Press the INPUT button on the remote control. Use ▼▲ arrow buttons to highlight the input to view (HDMI 1, 2, 3) then press ENTER.



Connecting A/V Devices to Component Video IN on your television

TV REAR PANEL



For BETTER video performance

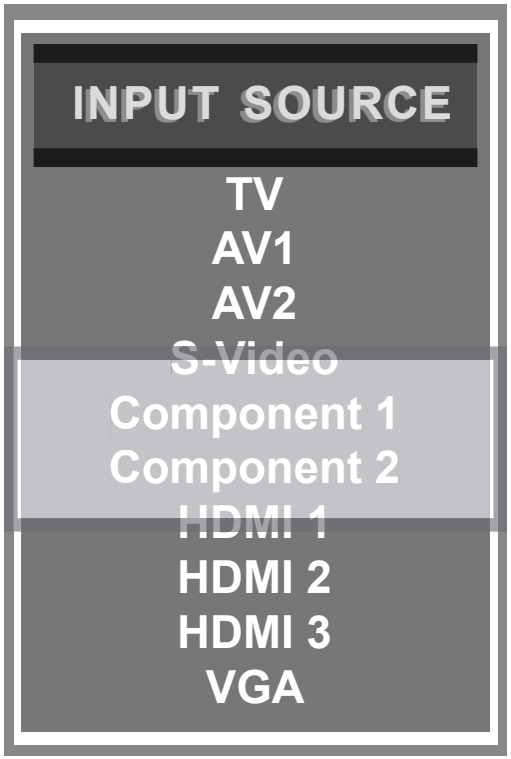
Connect to external devices that feature component output jacks for great video performance. There are two (2) component video and audio inputs for use with devices such as a set top box, gaming console or DVD player.

How to Connect Component

- When connecting external devices to your television, match the colors of the connecting jacks (Video: Blue, Green, Red; Audio: White/Red).
- Connect optional component video cables (blue, green, red) from the video OUTPUT jacks (Y, Pb, Pr) on your external device to the Component 1 or Component 2 INPUT(s) on the TV's rear panel.
- Connect white/red audio cables for sound from the audio (L/R) OUTPUT jacks on your external device to the Component 1 or Component 2 INPUT(s) on the TV's rear panel.

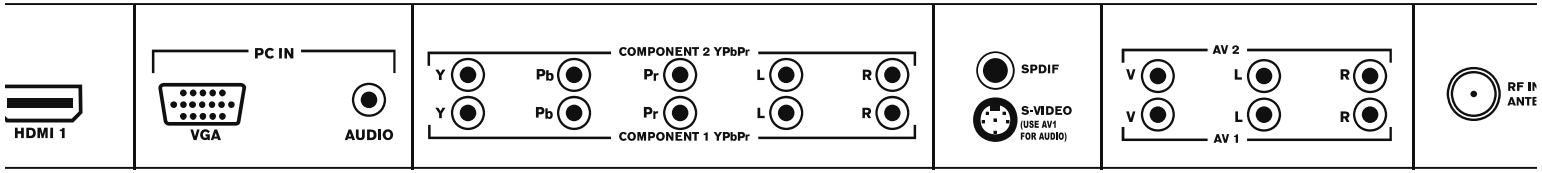
How to Use

- Press the COMP button on the remote control (repeatedly if necessary) or
- Press the INPUT button on the TV remote control. Use ▼▲ arrow buttons to highlight the input to view (Component 1, 2) then press ENTER.



Connecting A/V Devices to Composite or S-Video IN on your television

TV REAR PANEL



For GOOD video performance

Connect to external devices using optional video and audio cables. Composite and S-Video output jacks are available on most set top boxes, VCR and DVD players.

How to Connect Composite AV

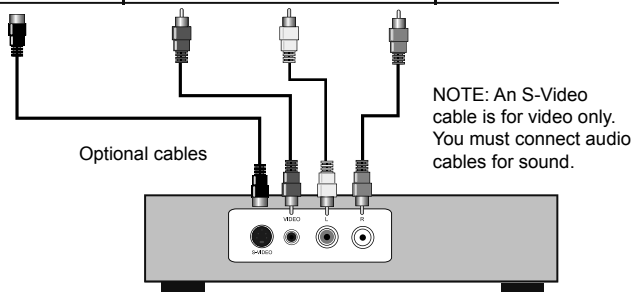
- When connecting external devices to your television, match the colors of the connecting jacks (Video: Yellow; Audio: White/Red).
- Connect the yellow video cable from the video OUTPUT jack on your external A/V equipment to AV1 / AV2 input on the TV's rear panel.
- Connect the white/red audio cables for sound from the audio (L/R) OUTPUT jacks on your external A/V equipment to the AV1 / AV2 (L/R) jacks on the TV's rear panel.

How to Connect S-Video

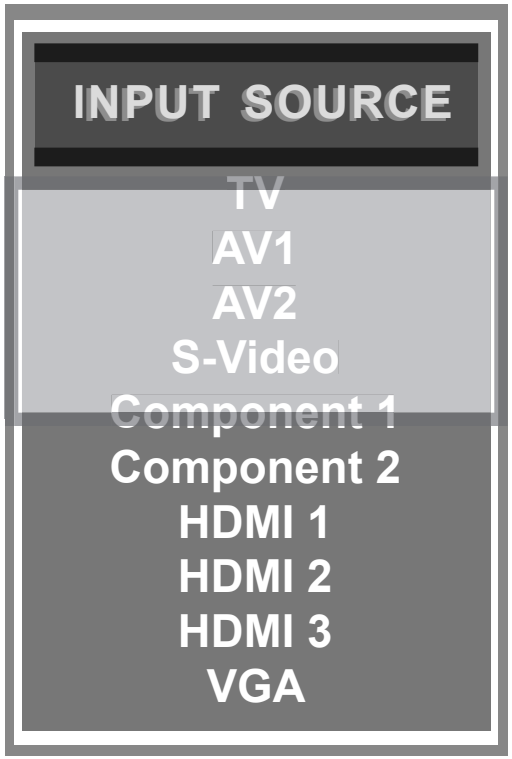
- Connect an optional S-Video cable from the S-Video OUTPUT jack on your external A/V equipment to the S-Video INPUT on the TV's rear panel.
- Connect the white/red audio cables for sound from the audio (L/R) OUTPUT jacks on your external device to the AV1 (L/R) INPUT on the TV's rear panel.

How to Use AV or S-Video

- Press the AV button on the remote control (repeatedly if necessary) or
- Press the INPUT button on the remote control. Use ▼▲ arrow buttons to high-light the input to view (AV1, AV2, S-Video) then press ENTER.

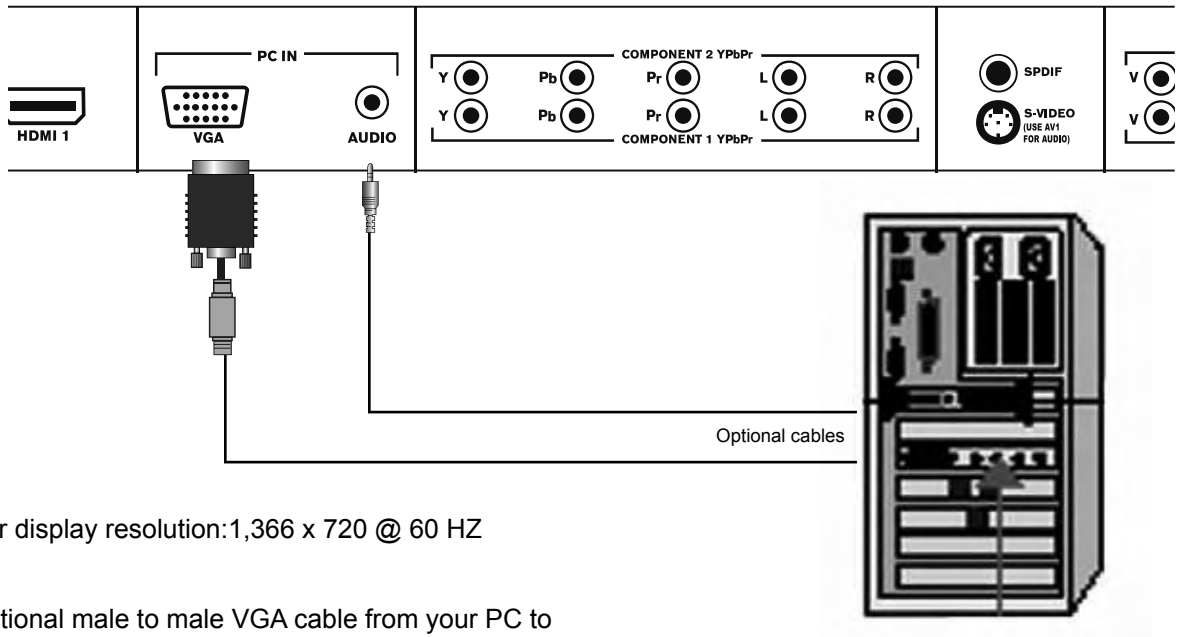


DVD player, gaming console



Connecting a Personal Computer with VGA to your television

TV REAR PANEL



Recommended computer display resolution:1,366 x 720 @ 60 HZ

How to Connect a PC

- Connect using an optional male to male VGA cable from your PC to the VGA input on the TV's rear panel.

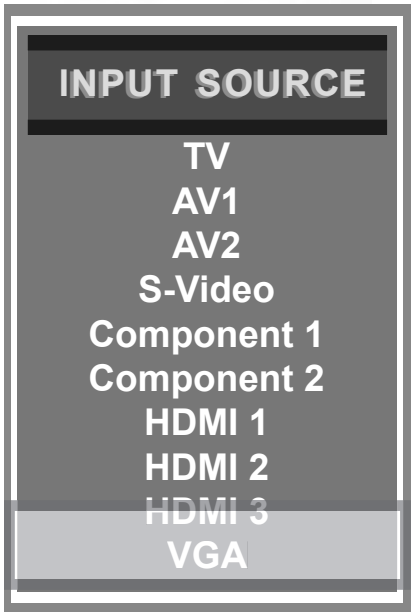
How to Connect Audio sound

- Connect an optional 3.5mm audio cable from the computer's mini audio output jack to the audio input on the TV's rear panel.

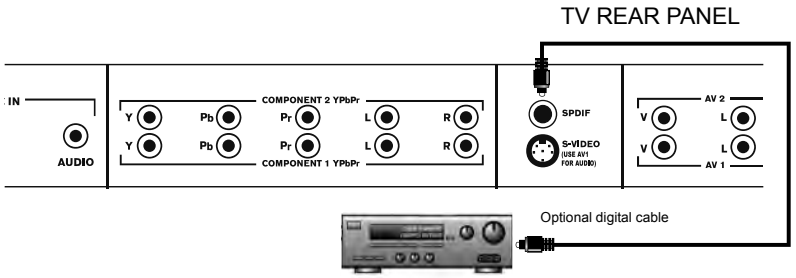
How to Use

- Press the INPUT button on the remote control. Use ▼▲ arrow buttons to highlight the input to view (VGA) then press ENTER.

NOTE: If your PC uses a standard signal mode, the screen will adjust automatically.



Connection to a Home Theater Audio System



For BEST audio performance

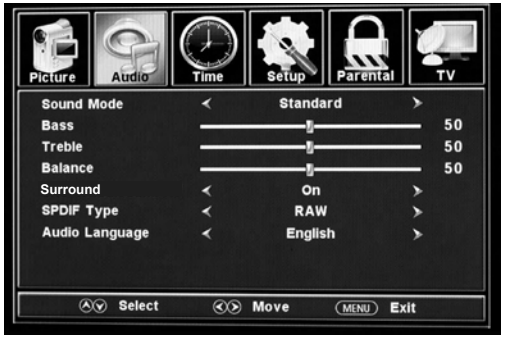
Connecting to a Home Theater System

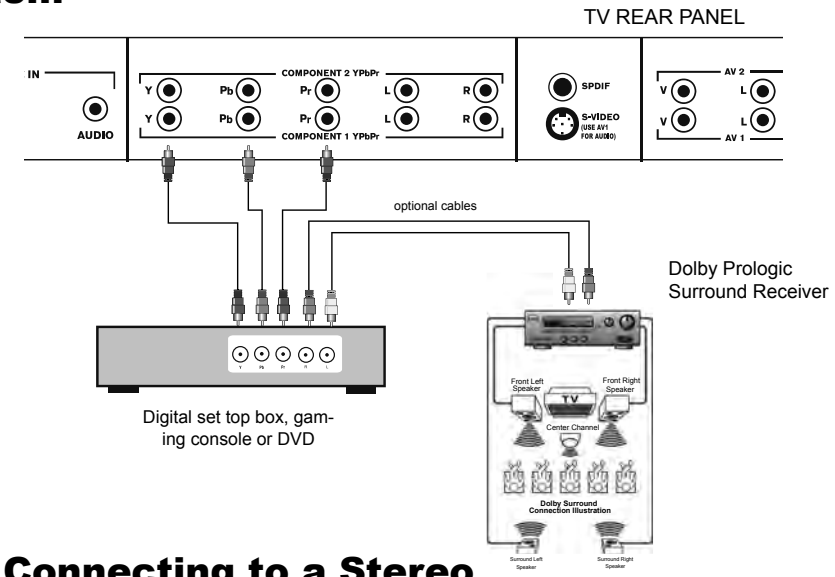
Dolby Digital can deliver optimal 2 channel stereo or surround sound with five discrete full range channels plus a sixth channel for a subwoofer.

Enjoy optimal sound reproduction from your system with a Dolby Digital amplifier that incorporates a digital coaxial input. Connect an optional digital cable directly to the television's SPDIF audio output to listen through all inputs except VGA. (VGA input does not support digital audio)

How To Setup Digital Output*

- Press the MENU button on the remote control.
- Press the right ▶ arrow button to select AUDIO.
- Press the down ▼ arrow button to highlight SPDIF type ▶ Raw or PCM*





Connecting to a Stereo Receiver/Amplifier

Enjoy realistic sound from a stereo / receiver amplifier or Dolby Pro Logic sound system when connected to your AV equipment.

Example: Diagram illustrates the connection of audio cables from your external equipment to a stereo receiver instead of the audio (L/R) jacks on the TV's rear panel.

NOTE: When audio cables are connected to a stereo / receiver amplifier for a particular input, no audio sound can be heard from the TV's built-in speakers.

How to Use (Video)

Press the appropriate INPUT button on the remote control. Use ▼▲ arrow buttons to highlight the input to view then press ENTER.

How to Use (Audio)

Select the appropriate input from your audio equipment.

***NOTE: Refer to the User Manual from your home theater equipment for recommended audio settings.**

Initial Setup Wizard

After connecting your TV antenna or cable wire, turn the television ON. The quick setup wizard will display on-screen. Select your preferred Picture setting followed by antenna options if you will view local over-the-air TV broadcasts from an antenna. Theses channels will be stored in the TV tuner memory after performing Channel Auto Scan.

In **Home Mode**, the television display meets Energy Star standards to reduce power consumption.
In **Retail Mode**, the television provides a more dynamic picture that will increase power consumption beyond Energy Star standards.

The wizard will direct you to the TV menu to select antenna options and perform Channel Auto Scan. Channels found will be stored into the TV tuner memory.

How to Navigate:

- Press the ◀ ▶ arrow button to highlight **CABLE or AIR** based on your antenna connection.
- Press the ▼ arrow button to select **Auto Scan** and press **ENTER** (when Cable is selected, 'AUTO' is recommended). Otherwise, press the ▶ arrow button to select STD > IRC > HRC > Auto
- Highlight **Start to Scan** and press **ENTER**.
- **Channel Auto Scan** may take several minutes to complete.

Select antenna options and perform Channel Auto Scan to receive television channels that will be stored into the TV tuner memory.

To enter TV Mode:

- Press the **MENU** button
- Using the ◀ ▶ arrow buttons; scroll to highlight **TV** mode
- Press the down ▼ arrow button to highlight **CABLE** or **AIR**

Cable Mode

Select **CABLE** if you subscribe to a pay television service without the use of a set top box. Connect cable wire to the television (see page 10).

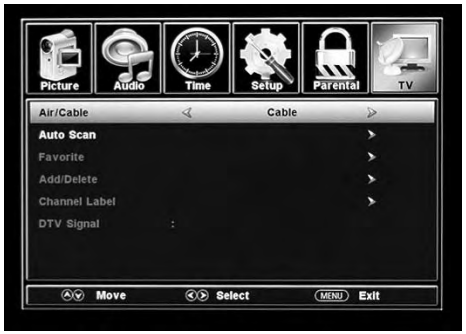
• Press the ◀ ▶ arrow button to highlight **CABLE.**

• Press the ▼ arrow button to select AUTO SCAN. Press **ENTER** and the cursor will move up and CABLE SYSTEM will be displayed next.

• Press the ▶ arrow button to select STD > IRC > HRC > Auto (Auto is recommended).

• Press the down ▼ arrow button to select Auto Scan and press **ENTER**.

NOTE: **Channel Auto Scan** may take several minutes to complete.



Air Mode

Select **AIR** when connected to an indoor/outdoor antenna to receive local TV broadcasts. Connect antenna wire to the television.

• Press the ◀ ▶ arrow button to highlight **AIR.**

• Press the down ▼ arrow button to select **Auto Scan** then press the ▶ right arrow button twice to start Channel Auto Scan.

• **Channel Auto Scan** may take several minutes to complete.

NOTE: For cable or satellite users without an indoor/outdoor TV antenna, there is no need to perform Channel Auto Scan. Connect your cable or satellite set top box to one of the available inputs on the TV for viewing. See pages 11-13 for connection details.

The **PICTURE** menu offers options to enhance and refine the picture displayed on your TV based on ambient room light and personal preferences. Adjustment options include contrast, brightness, color, sharpness and color temperature.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using ◄ ► arrow buttons to select **PICTURE**. Press the down ▼ arrow button to highlight **PICTURE MODE**, then press the ► arrow button to select your viewing preference from 5 factory options:
STANDARD > DYNAMIC > MOVIE > POWER SAVING* > PERSONAL. The STANDARD setting is recommended for most brightly lit viewing environments. Depending on the ambient light level in the room, you may find one of the other Picture settings more pleasing.

To make more critical adjustments based on your own preferences in PERSONAL:

• Press down ▼ arrow button to highlight **Contrast**. Navigate using the ◄ ► arrow buttons to increase or decrease contrast intensity.

• Press down ▼ arrow button to highlight **Brightness**. Navigate using the ◄ ► arrow buttons to increase or decrease overall brightness.

• Press down ▼ arrow button to highlight **Color**. Navigate using the ◄ ► arrow buttons to increase or decrease color intensity.

• Press down ▼ arrow button to highlight **Tint**. Navigate using the ◄ ► arrow buttons to adjust colors toward green or reddish tint.

• Press down ▼ arrow button to highlight **Sharpness**. Navigate using the ◄ ► arrow buttons to soften or view crisper edges in the picture.

• Press down ▼ arrow button to highlight your **Color Temperature** preference. Navigate using the ◄ ► arrow buttons to select COOL (more bluish tone), NORMAL or WARM settings.

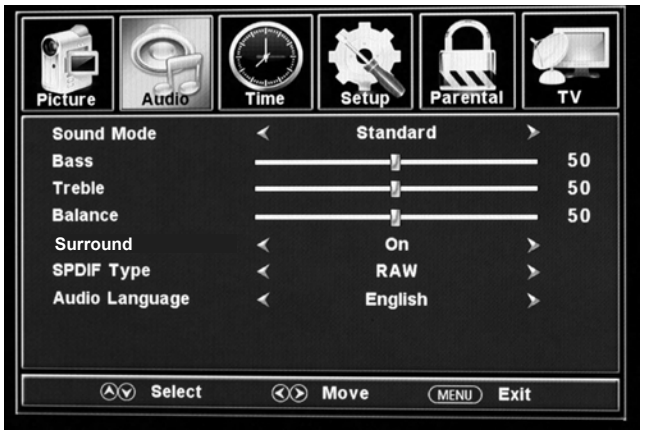
*The **POWER SAVING** mode adjusts the brightness of the TV in order to save energy and reduce power consumption.

Note: When adjustments are complete, you may select another menu by pressing the Menu button.

The **AUDIO** menu offers options to make sound enhancements while listening through the built-in speakers or to select digital audio options when connected to a Dolby Digital receiver though a (SPDIF) coaxial digital output.

How to Navigate:
Press the **MENU** button on the remote control. Navigate using ◄ ► arrow buttons to select **AUDIO**. Press the ▼ arrow button to highlight **SOUND MODE**, then press the ► arrow button to select your sound preference from 4 factory options:
PERSONAL > STANDARD > MUSIC > MOVIE.

To make more critical sound adjustments based on your own preferences in PERSONAL:



• Press down ▼ arrow button to highlight **Bass**. Navigate using the ◄ ► arrow buttons to increase or decrease low frequency intensity.

• Press down ▼ arrow button to highlight **Treble**. Navigate using the ◄ ► arrow buttons to increase or decrease high frequency intensity.

• Press down ▼ arrow button to highlight **Balance**. Navigate using the ◄ ► arrow buttons to adjust sound towards the left or right speaker.

• Press down ▼ arrow button to highlight **Surround**. Navigate using the ◄ ► arrow buttons to turn surround sound effect from built-in speakers ON or OFF.

• Press down ▼ arrow button to highlight **SPDIF type**. Navigate using the ◄ ► arrow buttons to select between PCM (Analog Audio) > RAW (Digital Audio). See page 15.

• Press down ▼ arrow button to highlight **Audio Language**. Navigate using the ◄ ► arrow buttons to select to listen to an alternative language broadcast (if available) English > Spanish > French.

NOTE: You may select an alternative language using the remote control by pressing **MTS**).

Note: When adjustments are complete, you may select another menu by pressing the Menu button.

The **TIME** menu includes adjustment of settings for your local time zone and daylight savings time. The clock will adjust automatically after the initial Channel Auto Scan of available broadcast channels in your area (see page 17 for TV Setup).

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **TIME**.

- Press down ▼ arrow button to highlight **Sleep Timer** then press the ► arrow button to select time to view before timer turns television off: **5 Min > 10 Min > 15 Min > 30 Min > 45 Min > 60 Min > 90 Min > 120 Min > 180 Min > 240 Min > OFF.**

- Press down ▼ arrow button to highlight **Time Zone** then press the ► arrow button to select between: **EASTERN > CENTRAL > MOUNTAIN > PACIFIC > ALASKA > HAWAII.**

- Press down ▼ arrow button to highlight **Daylight Savings Time**. Navigate using the ◄ ► arrow buttons to turn this feature on or off.

- **Clock** and Date are automatically set the first time the tuner receives a broadcast channel.

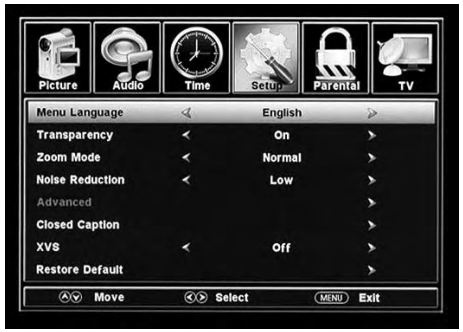
Note: When adjustments are complete, you may select another menu by pressing the Menu button.

In the **SETUP** menu you may change the initial set up of preferences that include settings for language, menu display, computer monitoring, closed captions, enhancement of black detail in the picture and resetting your TV back to its factory default status.

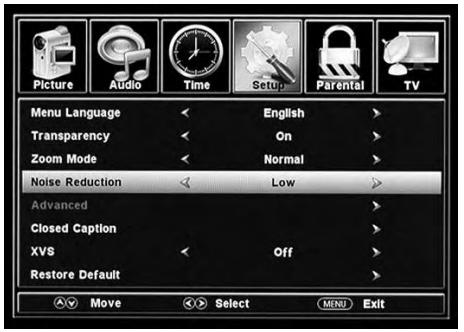
How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◀ ▶ buttons to select **SETUP**. Gain access to display options by pressing the down ▼ arrow button to highlight **Menu Language** or other options, then press ▶ arrow button on your remote to select.

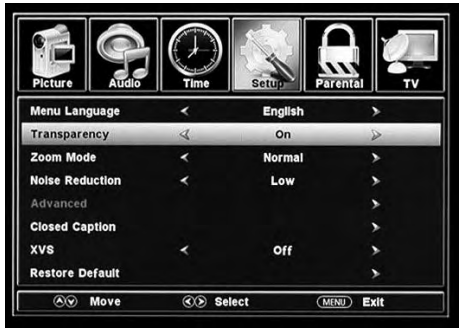
• Other languages include Spanish and French.



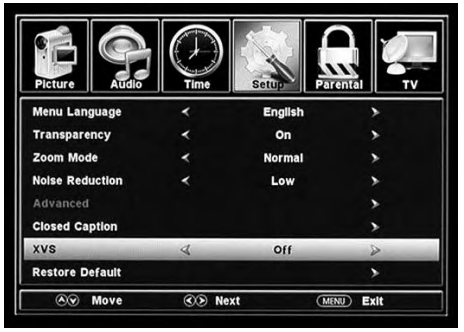
• Highlight **Noise Reduction**. Navigate using the ◀ ▶ arrow buttons to reduce video noise: Off > Low > Medium > High (Default setting: Low)



• Highlight **Transparency**. Navigate using the ◀ ▶ arrow buttons to turn Off > On the translucent effect of the User menu.

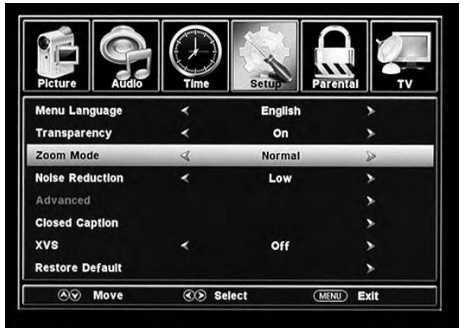


• Highlight **XVS**. Navigate using the ◀ ▶ arrow buttons to select: Off > On. XVS provides noticeable black detail enhancement that may be preferred.



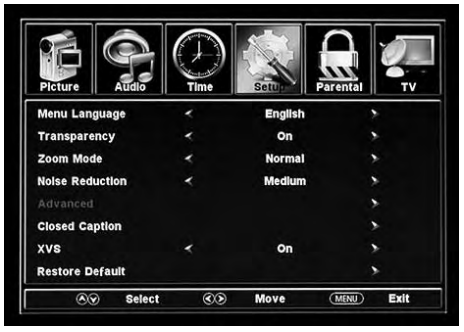
• Highlight **Zoom Mode**. Navigate using the ◀ ▶ arrow buttons to select the viewing mode displayed: Normal > Wide > Zoom > Cinema.

(This feature is also available on the remote control. See page 27)



• Highlight **Restore Default**. Press the ▶ arrow button to automatically set all adjustments back to their original settings.

When prompted, Select “Yes” to confirm.



NOTE: Closed Caption and Advanced are features described on the following pages.

The **SETUP** menu includes adjustments for activating the **Closed Caption** text feature for display on-screen and customizing CC display types and font styles.

How to Navigate:
Press the **MENU** button on the remote control. Navigate using arrow ◄► buttons to select **SETUP**.

• Press the down ▼ arrow button to highlight **Closed Caption** then press the ► arrow button to highlight **CC Mode**.

• Press down ▼ arrow button to highlight **Advanced Selection**. Navigate using the ◄ ► arrow buttons to select Service 1-6.

• Navigate using the ◄ ► arrow buttons to select Off > On > CC on Mute.

• Press down ▼ arrow button to highlight **Option**. Press the ► arrow button to enter a menu with options to customize text fonts, colors and opacities.

• While CC Mode is on, press down ▼ arrow button to highlight **Basic Selection**. Navigate using the ◄ ► arrow buttons to select CC 1-4, Text 1-4.

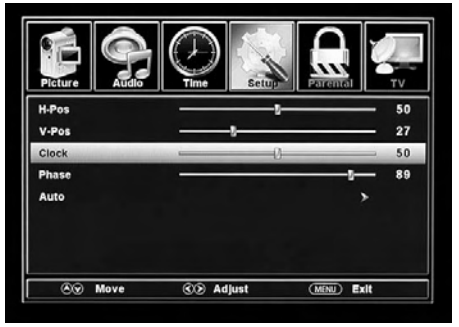
Note: When adjustments are complete, you may select another menu by pressing the Menu button.

In the **SETUP** menu you may adjust the position of images displayed on screen once you connect an input signal from your **PC**. Recommended resolution is 1,366 x 720. For use with a laptop computer, refer to your computer's user manual on instruction for proper display output. If your PC system uses a standard signal mode, the screen will adjust automatically. Connect an optional 3.5mm audio cable for stereo sound. See page 14 for details.

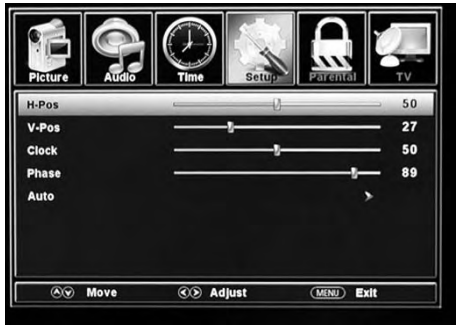
How to Navigate:

After connecting to a **PC**, press the **VGA** button on your remote control. Press the **MENU** button on the remote control and navigate using arrow ◄ ► buttons to select **SETUP**. Gain access to position adjustment options by pressing the down ▼ arrow button to highlight **Advanced**, then press ► arrow button to select from the following options.

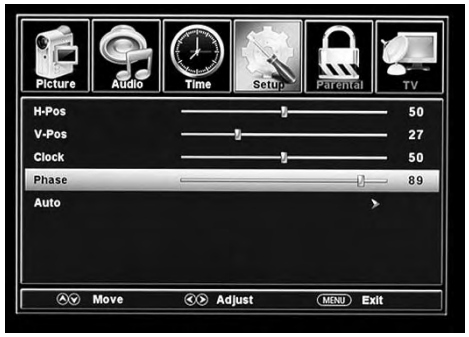
• Highlight **Clock.** Navigate using the ◄ ► arrow buttons to control the width of the image.



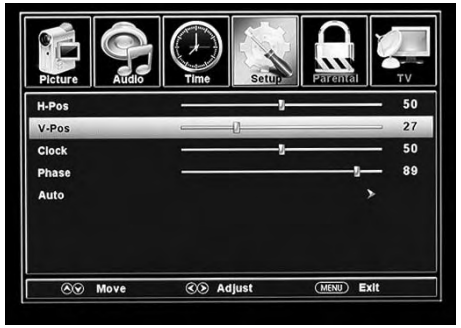
• Highlight **H-Pos.** Navigate using the ◄ ► arrow buttons to adjust the position of images displayed from side to side.



• Highlight **Phase**. Navigate using the ◄ ► arrow buttons to improve focus and image stability.

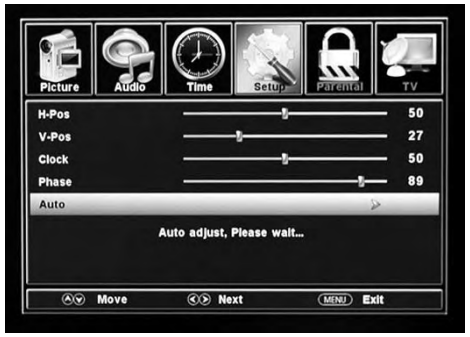


• Highlight **V-Pos.** Navigate using the ◄ ► arrow buttons to adjust the position of images displayed up and down.



• Highlight **Auto**. Press the ► arrow button to automatically adjust the display to the best setting. When prompted, select Yes to confirm.

When prompted, Select "Yes" to confirm.



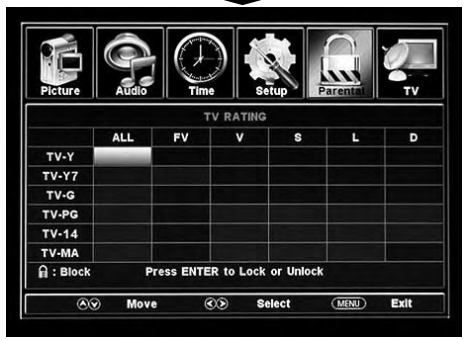
In the **PARENTAL** menu, you may block television and movie programming based on TV ratings and Motion Picture Association guidelines. To gain access and select your preferences within the Parental menu make certain your input is set to TV.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **PARENTAL**. Gain access to parental rating options by pressing the down ▼ arrow button to highlight **ENTER PASSWORD**. Enter your 4 digit code (factory default code is "0000") unless previously changed.

• To set parental controls for television programming or DVD movies, press the down/up ▼▲ arrow buttons to highlight US. Navigate using the ◄ ► buttons to highlight **TV/MPAA** menu.

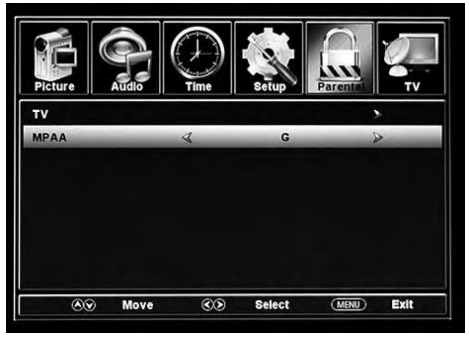
• To change the password, press ► arrow button to display a screen to enter your new password, then confirm again. (not illustrated)



• Highlight TV, then press the ► arrow button to enter the TV Ratings menu and select your preference.

TV -Y Appropriate for all children
TV -Y7 Appropriate for all children over 7
TV -G General Audience
TV - PG Parental Guidance Suggested
TV - 14 Parents Strongly Cautioned
TV - MA Mature Audience Only

• To make changes to **PARENTAL** controls, highlight **SYSTEM LOCK** then press the ► arrow button to **ON**.



• Highlight MPAA, then press the ► arrow button repeatedly to select your movie rating preference.

G General Audience
PG Parental Guidance Suggested
PG13 Parents Strongly Cautioned
R Restricted
NC17 No One Under 17 Permitted
X Adults Only

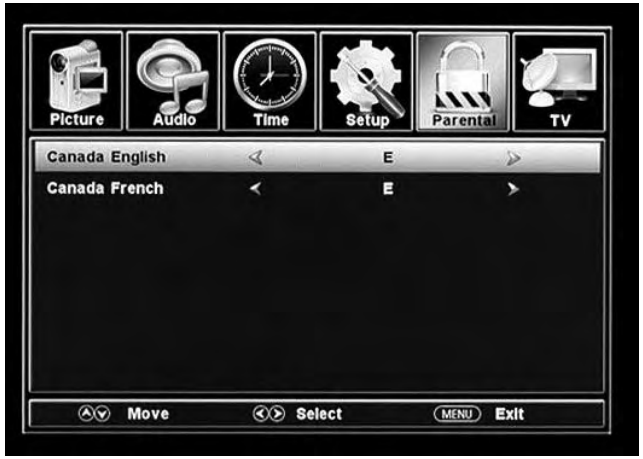
NOTE: RRT Setting and Reset RRT are not user adjustable settings.

In the **PARENTAL** menu, you may block television and movie programming based on Canadian TV and movie rating guidelines. To gain access and select your preferences within the Parental menu make certain your input is set to **TV**.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **PARENTAL**. Gain access to rating options by pressing the down▼ arrow button to highlight **ENTER PASSWORD**. Enter your 4 digit code (factory default code is “0000”) unless previously changed. See page 24 for information on how to change your password.

• Navigate using down ▼ arrow button to highlight **CANADA ENGLISH** then press the ► arrow button repeatedly to select your ratings preference (shown on right side of illustration).



E	Appropriate for everyone
C	Appropriate for all children
C8+	Appropriate for everyone 8 years old and up
G	General Audience
PG	Parental Guidance
14+	Appropriate for Children over 14 years old
18+	Mature Audience Only

• Navigate using down ▼ arrow button to highlight **CANADA FRENCH** then press the ► arrow button repeatedly to select your ratings preference (shown on right side of illustration).

E	Appropriate for everyone
G	General Audience
8 ans+	Appropriate for Children 8 years old and up
13 ans+	Appropriate for Children 13 years old and up
16 ans+	Appropriate for Children 16 years old and up
18 ans+	Mature Audience Only

Note: When adjustments are complete, you may select another menu by pressing the Menu button.

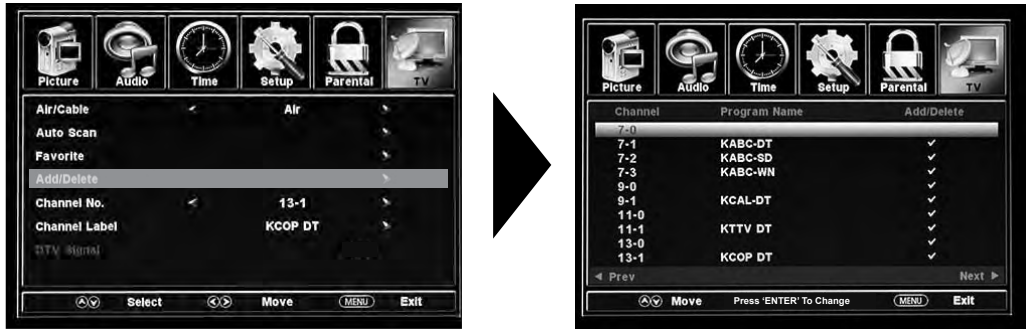
The **TV** menu provides for the setup of your television to receive TV channels, store your favorites, add or skip channels and label them by their station call letters. (For antenna and Channel Auto Scan setup, please refer to page 17.)

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **TV**. Press the down ▼ button to highlight your preferences.

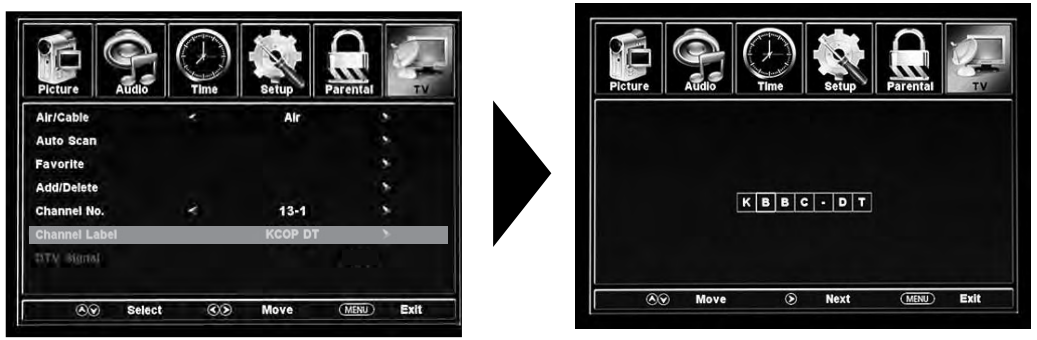
• Highlight **FAVORITE** to add channels to your Favorites List. Navigate using the ◄ ► ▼▲ arrow buttons to select channels to be added or deleted from your list. Press ENTER to add or delete a channel. A check-mark indicates a channel has been added. You may also display your **FAVORITE** list from the remote control by pressing **FAV**.

• Highlight **ADD/DELETE** to select or skip channels already in memory. Navigate using the ◄ ► ▼▲ arrow buttons to access the list of available channels. Press ENTER to change the channels status. A checkmark indicates a channel has been added.



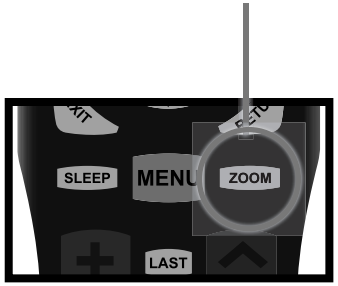
• Highlight **CHANNEL LABEL** to name or rename a broadcast channel. Navigate using the ► arrow button to enter the screen menu to re-label a channel. Use the ▼▲ arrow buttons to spell out each letter, number or character. Use ◄ ► arrow buttons to ad-vance to the next space.

NOTE: The **DTV SIGNAL** is a measurement of signal strength for the current channel viewed.



The **ZOOM** function offers several viewing display options on the 16:9 screen. Press ZOOM to cycle through the following widescreen settings.

Press ZOOM to cycle through the following widescreen settings.



1. NORMAL

Recommended for viewing native widescreen content and undistorted 4:3 images (with black bars).

2. WIDE

Stretches certain 4:3 content and may reduce visible black bars.

3. ZOOM

Stretches the image both vertically and horizontally to fill the screen when viewing widescreen content. The Zoom effect will crop images somewhat.

4. CINEMA

When viewing 4:3 content, Cinema mode will fill the entire screen eliminating visible side black bars. It may also eliminate or reduce black bars on certain widescreen movies.

Display	LCD TV
Size (inch)	31.5” Diagonal
Aspect Ratio	16:9
Digital Compatibility	480i / 480p / 720p / 1080i / 1080p
Resolution	1,366 x 768
Brightness (cd/m2)	400
Dynamic Contrast	30,000:1
Vertical Viewing Angle (degrees)	176°
Horizontal Viewing Angle (degrees)	176°
Maximum Colors (millions)	16.7M
Response Time (ms)	8 ms
Audio Power	2 X 7W
Dimension with Pedestal Installed	31.1” (W) x 21.9” (H) x 9” (D)
Weight with Pedestal	20.8 lbs.
Input Connections	Composite Video/ Audio (2) S-Video (1) Component Video/ Audio (L/R) (2) HDMI (3) RF (1) SPDIF Coaxial Digital Output (1) PC/VGA (1) PC Audio IN (1)

Check for a possible solution to a symptom before contacting a customer service representative.

Symptom	Possible Solutions
Remote codes for satellite/cable box users	• 572, 591, 594, 0022,1397, 11531 Call your satellite or cable provider to determine codes.
No color	• Check the video installation of your external A/V equipment. See pages 9-14.
Cannot receive certain channels through the antenna	• Perform Channel Scan to add channels into the TV tuner memory. See page 17. • Readjust your antenna and retry Auto Channel Scan. • Signal from the TV station may be weak in your area.
TV signal blocked on certain channels	• Perform Channel Scan to add channels into the TV tuner memory. See page 17. • Check whether the channel was deleted. See page 26. • Check parental control settings. See pages 24, 25. • Restore default settings. See page 21.
Video noise or choppy picture	• Readjust antenna. Keep TV away from noise sources, neon lights, and microwave appliances.
No sound	• Check that connected audio cables are completely inserted. • Verify you have selected the correct audio source from your amplifier. See page 15. • Mute function may be enabled, press mute on the remote.
Black box on screen	• The “Text” option is enabled and no text is available. • Press the CCD button on the remote control to turn off.
No power	• Batteries in the remote control may need replacing. • Re-attach AC plug to wall outlet. • Check master power switch on TV’s rear panel. See pages 8, 9.
No picture	• Digital TV channel signal maybe weak, try another channel. • Press INPUT button to verify the desired input selected. • Re-connect the antenna or cable wiring. • Restore default settings. See page 21.
Remote control does not function	• Replace batteries with new ones. • Check that battery polarity is correct. • Point remote directly at the TV’s IR receiver. See page 6.

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Limited North American Warranty
LD3288T

For peace of mind and valuable services, please take a moment to register your product at www.tmaxdigital.com.

Tmax Digital, Inc. expresses the following non-transferable and limited warranty on a new Apex Digital LD3288T purchased from an authorized Apex Digital® U.S. retailer. Retain the original bill of sale for proof of purchase.

Limited One (1) Year Warranty
We warrant the parts in this product against defects in material or workmanship for a period of one (1) year from the date of original purchase from an Apex Digital® authorized retailer. We also warrant labor charges for a period of one (1) year from the date of original purchase. During the limited warranty period, we will provide a technician to service repairs in your home for a TV that is 32" and above, or you may bring it in to an Apex Digital authorized service center. For a list of Apex Digital authorized service centers, please call the Apex Digital customer support line. Service repairs may be made with new or recertified parts. Service that is provided is warranted for the duration of the original warranty or 45 days. If it is determined to have the unit to be sent in for service/replacement, it is customer's responsibility to retain the original packaging or provide secure packaging in order to facilitate any warranty service.

Your Responsibility
The above warranty is subject to the following conditions: You must retain the original bill of sales to provide proof of purchase then call Customer Service for an assessment of the problem. Labor service charges for set installation, setup, adjustment of consumer controls and installation or repair of any type of antenna or cable systems are not covered by this warranty. Reception problems caused by inadequate antenna or cable systems are your responsibility. The warranty extends only to defects in materials or workmanship as limited above and does not extend to any other products or parts, accessories that have been lost, discarded, damaged by misuse, accident, neglect, acts of God such as lightning, voltage surges in the home, improper installation, rendered illegible. Warranty does not cover cosmetic damage.

How to Obtain Warranty Service
If after following the operating instructions and reviewing the FAQ pages for televisions at www.tmaxdigital.com, contact Customer Service directly at (877) 833-1888, Mon. - Fri. from 7 am to 9 pm (CST), Sat. - Sun. 7 am to 6 pm (CST). You will be instructed on how your claim will be processed. Have information available including date of purchase, serial number and the problem with the product. Should a problem be determined to be within the limits of the warranty you will be provided with covered by the limited warranty, you will be asked whether you wish to have service provided for a fee. We may charge the customer for any service call made for anything not covered by the limited warranty.

Limitations
Your LCD panel is an innovative device that is manufactured to precise tolerances with active performing pixels of at least 99.9%. As such, it is NOT a malfunction to view multiple nonperforming pixels on your screen. All warranties implied by state law are expressly limited to the duration of the limited warranty set forth above with the exception of warranties implied by state law. The foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements etc., with respect to repair or replacement of any parts. We shall not be liable for consequential or incidental damage or exclusions and imitations of incidental or consequential damages, so the above may not apply to you.
For our Pixel Policy, please refer to our website www.tmaxdigital.com.

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